



January 7, 2011
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon

Re: Monthly Progress Report – November 2010
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is December 1, 2010, through December 31, 2010. The next report is due February 10, 2011.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications

On December 2, 2010, DEQ requested an update regarding the status of supplemental delineation work and figures for DEQ review prior to initiation of injection activities. MFA updated DEQ on December 3, 2010.

On December 14, 2010, DEQ requested submittal of information and documents regarding the EIB injection work and DNAPL analysis. DEQ required submittal within 30 days of receipt. MFA is preparing this submittal for delivery by January 14, 2011.

Fieldwork

Delineation work in support of the Supplemental Injection program was completed in early December. The results are being evaluated and will be provided to DEQ prior to commencing injection work.

Group 1, 2, and 3 PMW sampling continued through December. Monthly water levels were collected on December 13, 2010. The monthly water levels are included in a MS Excel worksheet (attached).¹

Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs on November 15, 2010. DNAPL was not detected in the PMWs with one exception. MGP DNAPL was estimated (based upon staining on the bailer only) in WS-33-81 (approximate MGP DNAPL thickness: 0.1 ft), and a sample was collected and submitted for analysis consistent with previous MGP DNAPL sampling.

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL thickness measurements will be collected in January and February. Performance monitoring in the Group 3 wells will continue in January.

As noted above, MFA anticipates initiating supplemental EIB injections consistent with the revised *Supplemental Injection Plan* (submitted July 7, 2010) in January, pending DEQ review of the delineation results.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Data through the November 2010 sampling events has been received. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP.

The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data received and validated through the end of the reporting period (December 30, 2010). As noted previously, RAO 1 for the source area has been met in all of the Group 1 and 2 PMWs.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No additional problems were experienced since the previous progress report.

¹ Includes monthly water levels from January through December 2010; water levels from preceding years have previously been submitted.


Mr. Dana Bayuk
January 7, 2011
Page 3

Project No. 8128.01.08

Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Director of Engineering

Attachments: PMW and Quarterly Data received through December 30, 2010;
Water Levels January – December 2010 (MS Excel–electronic only)

cc: Tom McCue, Siltronic Corporation (electronic and hard copy)
Alan Gladstone, Davis Rothwell Earle and Xochihua (electronic and hard copy)
Chris Reive, Jordan Schrader Ramis (electronic and hard copy)
Jim Anderson, DEQ (electronic)
Kristine Koch, EPA (electronic)
Sean Sheldrake, EPA Seattle (electronic)
Rene Fuentes, EPA Seattle (electronic)
Eric Blischke, EPA Portland (electronic)
Chip Humphrey, EPA Portland (electronic)
Lance Peterson, CDM (electronic)
Bob Wyatt, NW Natural (electronic)
Patty Dost, Pearl Legal Group LLC (electronic)
John Edwards, Anchor QEA LLC (electronic)
Carl Stivers, Anchor QEA LLC (electronic)
Rob Ede, Hahn and Associates, Inc. (electronic)
Tom Gainer, DEQ (electronic)
Henning Larsen, DEQ (electronic)
Matt McClincy, DEQ (electronic)